

Synthesize cDNA & Conduct qPCR with Confidence!



Enjoy 15% OFF when you purchase any ★ and ★ products!



qPCR Master Mix



High efficient assay using standard conditions

Suitable for difficult Targets & Samples

TaqMan® assay

SYBR® Green I assay

- ▶ Amplification of GC-rich targets
- ▶ Amplification of long targets up to 2 kb
- ▶ Amplification from crude samples

SYBR® Green I assay

THUNDERBIRD® series*

KOD SYBR® qPCR Mix*

THUNDERBIRD® Probe qPCR Mix THUNDERBIRD® SYBR® qPCR Mix

*50x ROX reference dye is individually supplied to enable appropriate application depending on the real-time cycler used.

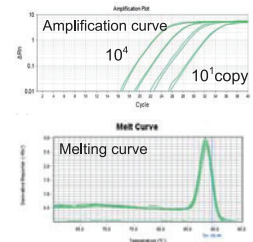
KOD SYBR® qPCR Mix

Pdt No. QKD-201
200 reactions [50 µl per reaction]

Components:

KOD SYBR® qPCR Mix 3 x 1.67 ml
50x ROX reference dye 250 µl

KOD SYBR® qPCR Mix



Conventional master mix (Taq based)

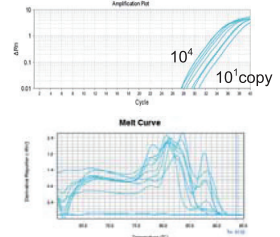


Fig. Amplification of the ChIP target
Target: GC content : 64%, 219 bp
Homo sapiens telomerase RNA (TR) gene, promoter and complete sequence
Template: human genomic DNA
Primer: from a paper using the ChIP technique



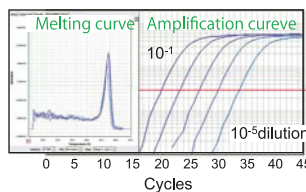
THUNDERBIRD® SYBR® qPCR Mix

Pdt No. QPS-101 (TaqMan® probe version)
QPS-201 (SYBR® Green version)
200 reactions [50 µl per reaction]

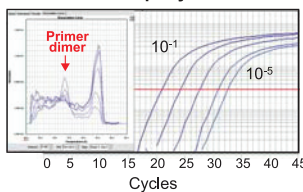
Components:

<QPS-101 TaqMan® probe version>
THUNDERBIRD® Probe qPCR Mix 3 x 1.67 ml
50x ROX reference dye 250 µl
<QPS-201 SYBR® Green version>
THUNDERBIRD® SYBR® qPCR Mix 3 x 1.67 ml
50x ROX reference dye 250 µl

THUNDERBIRD® SYBR® qPCR Mix



Company A



Company B

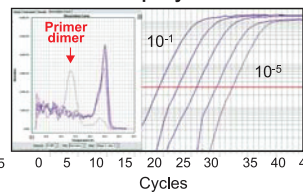
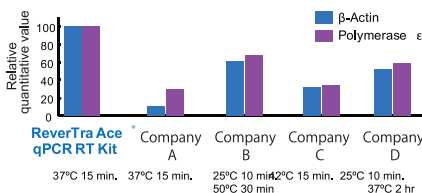


Fig. Comparison of the sensitivity and efficiency of the SYBR® Green I assay
b-actin mRNA was detected with serially diluted cDNA from HeLa cell total RNA. THUNDERBIRD® SYBR® qPCR Mix [Code No. QPS-201] showed greater sensitivity and efficiency than other kits (companies A and B).

High efficient cDNA synthesis master mix for qPCR

ReverTra Ace® qPCR RT series is an efficient and convenient kit to synthesize high quality cDNAs for real-time PCR.

ReverTra Ace® qPCR RT Kit & Master Mix



★ ReverTra Ace® qPCR RT Kit

Pdt No. FSQ-101 200 reactions [10 µl per reaction]

Components:

5x RT Buffer 400 µl
Enzyme Mix 100 µl
Primer Mix 100 µl
Nuclease-free water 2 x 1000 µl

★ ReverTra Ace® qPCR RT Master Mix

Pdt No. FSQ-201 200 reactions [10 µl per reaction]

Components:

5x RT Master Mix 400 µl
5x RT Master Mix no RT-Control 40 µl
Nuclease-free water 2 x 1000 µl

ReverTra Ace® qPCR RT Master Mix with gDNA remover

This kit includes master mix reagents for reverse transcription and for the removal of genomic DNA [DNase I treatment].



★ ReverTra Ace® qPCR RT Master Mix with gDNA remover

Pdt No. FSQ-301 200 reactions [10 µl per reaction]

Components:

gDNA Remover 10 µl
4x DN Master Mix 440 µl
5x RT Master Mix II 400 µl
5x RT Master Mix II no RT-Control 40 µl
Nuclease-free water 2 x 1000 µl

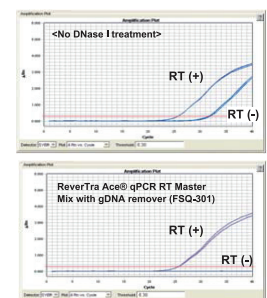
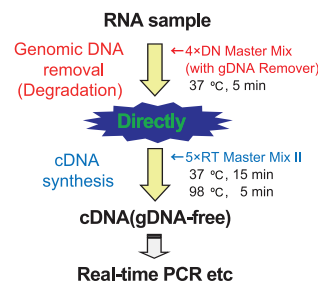


Fig. Detection of low expressing gene